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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/987,168	11/13/2001	Gowri Makineni	58392.000019	6590

7590 10/06/2005

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EXAMINER

JUNG, DAVID YIUK

ART UNIT PAPER NUMBER

2134

DATE MAILED: 10/06/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

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Office Action Summary	Application No. 09/987,168	Applicant(s) MAKINENI ET AL.	
	Examiner David Y. Jung	Art Unit 2134	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 May 2005.
 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☐ Claim(s) 1-20 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) ☐ Claim(s) _____ is/are allowed.
 6) ☐ Claim(s) 1-20 is/are rejected.
 7) ☐ Claim(s) _____ is/are objected to.
 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☐ All b) ☐ Some * c) ☐ None of:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
 * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

CLAIMS PRESENTED

Claims 1-20 are presented.

CLAIM REJECTIONS

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Malkin (US 6061650, cited by Applicant).

Regarding claim 1, Malkin teaches "In a computer network arrangement comprising a home network having at least one home network server and a firewall for protecting said home network server, a relay server outside of said home network, and a ... having a permanent IP address within said home network, a method for maintaining secure communications between the home network server and the ... when said ... roams outside of said home network to a new location, said method comprising: establishing a new IP address for the new ... location; sending a registration message to said relay server identifying said new IP address location; authenticating said registration message; encapsulating and transmitting said registration message to said

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home server; registering said new IP address as a care-of-address for said ... at said home server; confining the registration of said new IP address with said ...; establishing a security association between said home server and said relay server on behalf of said ...; performing network address translation between the ...'s permanent IP address and the ...'s new IP address; tunneling packets addressed for said ... between said home server and said relay server based on the established security association and said address translation for said ...; and decapsulating said packets at said relay sender and forwarding said packets to said ... (columns 2-7, especially column 6, lines 45-67, i.e. encapsulation, tunneling, etc.).”

These passages of Malkin do not teach “client” in the sense of the claim.

Nevertheless, it was well known in the art to have a “client” situation among such service handling for the motivation of providing more control to users (who are given more control by being “client” for servers than by being a more passive receivers of service).

Hence, it would have been obvious to those of ordinary skill in the art at the time of the claimed invention to modify Malkin for the motivation noted in the previous paragraphs so as to teach the claimed invention.

Regarding claim 2 (multiplexer, etc.), such particular features are well known in the art for the purpose of effective broadening of communication.

Regarding claim 3-8, such particular features are well known in the art for the purpose of handling information across computers.

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Regarding claims 9-20, these claims are analogs of claims 1-8 (e.g., claim 9 being a network analog of claim 1). For the reasons noted in the rejections of claims 1-8, these claims are not patentable.

Conclusion

Points of Contact

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(571) 273-8300, (for formal communications intended for entry)

Or:

(571) 273-3836 (for informal or draft communications, please label "PROPOSED" or "DRAFT")

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to David Jung whose telephone number is (571) 272-3836 or Greg Morse whose telephone number is (571) 272-3838.

David Jung

A handwritten signature in black ink, appearing to be 'DJ' followed by a long, sweeping horizontal stroke that curves upwards at the end.

Patent Examiner

10/3/05